INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/003662

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12P1/00 C12P1/04 C12P19/62 C12R1/01 C12R1/04
C12R1/465

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12P C12R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, BIOSIS, MEDLINE, EMBASE, COMPENDEX, WPI Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JUNKER B ET AL: "Use of soybean oil and ammonium sulfate additions to optimize secondary metabolite production" BIOTECHNOL BIOENG;BIOTECHNOLOGY AND BIOENGINEERING DEC 5 1998 JOHN WILEY & SONS INC, NEW YORK, NY, USA, vol. 60, no. 5, 5 December 1998 (1998-12-05), pages 580-588, XP002287283 abstract page 598, left-hand column, paragraph 2 --- -/--	1-11

[X] Further documents are listed in the continuation of box C.

[X] Patent family members are listed in annex.

° Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance
"E" earlier document but published on or after the international filing date
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
"O" document referring to an oral disclosure, use, exhibition or other means
"P" document published prior to the international filing date but later than the priority date claimed
"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search	Date of mailing of the international search report
6 July 2004	27/07/2004

Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Jenn, T

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	EP 0 796 916 A (TRIPLE A B V) 24 September 1997 (1997-09-24) the whole document ---	1-11
A	EP 0 199 499 A (WESTON GEORGE LTD) 29 October 1986 (1986-10-29) the whole document ---	1-11
X	US 5 182 207 A (FLETTON RICHARD A ET AL) 26 January 1993 (1993-01-26) column 7, line 39 - line 46 column 10, line 7 - line 32 ---	1-3,5,8, 9
X	US 4 480 034 A (HSIEH JIH-HAN) 30 October 1984 (1984-10-30) abstract; claim 4; example III ---	1-5
X	CANEDO L M ET AL: "AB-400, a new tetraene macrolide isolated from Streptomyces costae" JOURNAL OF ANTIBIOTICS, JAPAN ANTIBIOTICS RESEARCH ASSOCIATION. TOKYO, JP, vol. 53, no. 6, June 2000 (2000-06), pages 623-626, XP009017204 ISSN: 0021-8820 page 623 ---	1-5,8,9, 11
X	MADDEN T ET AL: "Organic acid excretion by Streptomyces lividans TK24 during growth on defined carbon and nitrogen sources" MICROBIOLOGY, SOCIETY FOR GENERAL MICROBIOLOGY, READING, GB, vol. 142, no. 11, November 1996 (1996-11), pages 3181-3185, XP001154955 ISSN: 1350-0872 abstract; table 1 page 3182, left-hand column, line 5 - line 25 ---	1-5,8,9, 11

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X	US 3 892 850 A (STRUYK ADRIANUS PETRUS ET AL) 1 July 1975 (1975-07-01) abstract column 6, line 4 - line 7 column 6, line 13 - line 20 column 6, line 29 - line 33 column 7, line 65 - line 68	1-11

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